



INSPECTOR GENERAL
DEPARTMENT OF DEFENSE
4800 MARK CENTER DRIVE
ALEXANDRIA, VIRGINIA 22350-1500

FEB 13 2012

MEMORANDUM FOR PROGRAM EXECUTIVE OFFICE JOINT STRIKE FIGHTER

SUBJECT: Quality Assurance Assessment of the F-35 Program
(Project No. D2012-DT0TAD-0003)

The Department of Defense Office of Inspector General (DoDIG) will begin the subject project in February 2012. The assessments will focus on the quality management system for the Joint Strike Fighter procured by Department of Defense from Lockheed Martin Corporation. The assessments will be performed on-site at Lockheed Martin, Northrop Grumman, BAE, and various sub-contractors. Specifically, we will assess conformity to specified quality management system(s), contractual quality clauses and internal quality processes and procedures. Other than the logistics and documents listed in Attachment 1 and Attachment 2, no preparation is required for these assessments. Production should not be stopped because of these assessments.

Please provide, in writing, to the action officer identified below, a point of contact (POC). The POC should be a Government employee at the GS-15 level, or the military equivalent. Send the contact's name, title, grade, phone number, and e-mail address electronically (Adobe Acrobat file only) to the DoDIG project manager [REDACTED].

Information about the DoDIG may be obtained from DoD Directive 5106.01, "Inspector General of the Department of Defense," April 13, 2006; DoD Instruction 7600.02, "Audit Policies," April 27, 2007; and DoD Instruction 7050.3, "Access to Records and Information by the Inspector General, Department of Defense," April 24, 2000. Our website address is www.dodig.mil.

If you have questions, please contact the DoDIG Technical Assessment Directorate, [REDACTED].

RANDOLPH R. STONE
Deputy Inspector General
Policy and Oversight

Attachment:
As stated

cc:

UNDER SECRETARY OF DEFENSE FOR ACQUISITION, TECHNOLOGY AND
LOGISTICS

DIRECTOR, DEFENSE CONTRACT MANAGEMENT AGENCY

AUDITOR GENERAL, DEPARTMENT OF THE NAVY

AUDITOR GENERAL, DEPARTMENT OF THE AIR FORCE

NAVAL INSPECTOR GENERAL

AIR FORCE INSPECTOR GENERAL

Attachment 1 - Assessment Schedule and Logistics Requirements

The following assessment schedule is subject to change:

Present – 24 February	Security and Logistics preparation
27 February – 2 March (8:00 am)	<p>Program Office visit – Arlington, VA <i>Assessment team of 6 people</i></p> <ul style="list-style-type: none">• DoDIG assessment briefing• PO overview of program briefing<ul style="list-style-type: none">○ Program Overview○ Timelines/schedules/key events○ Known risks/issues○ PO surveillance plan○ Any other program documentation
26 March – 6 April (8:00am)	<p>Lockheed Martin – Ft. Worth, TX <i>Assessment team of 17 people</i></p> <ul style="list-style-type: none">• DoDIG assessment briefing• Lockheed Martin overview of program briefing (<i>First day - 2 Hours</i>)<ul style="list-style-type: none">○ Orientation, security, safety briefings,○ Tracked quality issues, timelines, production schedules, program specific topics• Quality Assurance Assessment• DCMA – Ft. Worth, TX <i>Assessment team of 2 people</i> (<i>First day @ 10:00am</i>)<ul style="list-style-type: none">○ Discuss DCMA delegation○ Discuss DCMA surveillance plan
30 April – 11 May (8:00am)	<p>Northrop Grumman – El Segundo/Pasadena, CA <i>Assessment team of 17 people</i></p> <ul style="list-style-type: none">• DoDIG assessment briefing• Northrop Grumman overview of program briefing (<i>First day - 2 Hours</i>)<ul style="list-style-type: none">○ Orientation, security, safety briefings,○ Tracked quality issues, timelines, production schedules, program specific topics• Quality Assurance Assessment

- DCMA – El Segundo/Pasadena, CA
Assessment team of 2 people
(First day @ 10:00am)
 - Discuss DCMA delegation
 - Discuss DCMA surveillance plan

11 – 22 June (8:00am)

BAE – Samlesbury, England
Assessment team of 17 people

- DoDIG assessment briefing
- BAE overview of program briefing (*First day - 2 Hours*)
 - Orientation, security, safety briefings,
 - Tracked quality issues, timelines, production schedules, program specific topics
- Quality Assurance Assessment
- DCMA – Samlesbury, England
Assessment team of 2 people
(First day @ 10:00am)
 - Discuss DCMA delegation
 - Discuss DCMA surveillance plan

16 – 27 July (8:00am)

Other Contractor (As determined by risk matrix)
Assessment team of 17 people

- DoDIG assessment briefing
- Contractor overview of program briefing (*First day - 2 Hours*)
 - Orientation, security, safety briefings,
 - Tracked quality issues, timelines, production schedules, program specific topics
- Quality Assurance Assessment
- DCMA – TBD
Assessment team of 2 people
(First day @ 10:00am)
 - Discuss DCMA delegation
 - Discuss DCMA surveillance plan

20 – 31 August (8:00am)

Other Contractor (As determined by risk matrix)

Assessment team of 17 people

- DoDIG assessment briefing
- Contractor overview of program briefing
(*First day - 2 Hours*)
 - Orientation, security, safety briefings,
 - Tracked quality issues, timelines, production schedules, program specific topics
- Quality Assurance Assessment
- DCMA – TBD

Assessment team of 2 people

(*First day @ 10:00am*)

- Discuss DCMA delegation
- Discuss DCMA surveillance plan

For each of the proceeding locations, the assessment team requires the following accommodations be made available for the entire length of our site visit.

Conference rooms and working facilities

- *Non escort visitor badges*
- *Conference room for kickoff meeting to support all Government and Contractor Assessment participants*
- *Dedicated Room for Audit Chairman/Technical Lead/Lead Assessor with a computer and printer*
- *Conference room/Working Spaces to support Assessment Team technical meetings*

Assessor Access to:

- *Telephone Land Line*
- *High Speed Internet connection*
- *Computer with printing capability*
- *Copy machine, fax machine*
- *Parking/parking passes*

Attachment 2 - Documentation Requirements

If program specific documents are not available then provide the overarching (corporate) document used to manage that particular discipline, for example, if a program specific Parts and Materials Management Plan is not used but an overarching corporate Parts and Materials Management Plan is used then provide the overarching document. If these documents are not available at the time of our assessment, we will remain onsite until they are provided.

Documents Requested to be made available in advance of Assessment (Electronic format - preferred):

- Contract and Statement of Work
- Integrated Master Plan/Schedules
- System Engineering Management Plan (SEMP)
- Integrated Test and Evaluation Plan (ITEP) or equivalent
- Interface Control Plan
- Quality Assurance Management Plan
- Critical Safety Item Program/Plan
- Reliability, Maintainability, and Availability (RM&A) Program Plan/Data
- Parts and Materials Management Plan
- Configuration Management Plans
- Production/ Manufacturing Plans
- Supplier Management Plan
- Risk Management Plan
- Current Risk Assessment Matrix
- Program office contractor surveillance plan
- DCMA delegation letter
- DCMA surveillance plan

Additional Documents requested to be made available onsite during Assessment:

- Technical Data Package (Specifications, Drawings/Prints)
- Internal Procedures and Plans (e.g. Manufacturing, Inspection, Test, FOD, ESD, Non conforming material control, etc)
- List of Specific Tests to be Performed to Verify/Validate Requirements
- List of Models and Simulations used in Design and Test
- Design Review Results
- Engineering Change Process/Records
- Qualification Program Plans/Records
- Calibration Procedures and Records
- Purchase/Procurement Documents
- As –Designed /As –Built data package(s); including NCRs and variances
- Internal Audit Records/Results
- Special Process and Statistical Process Control Procedures/Results
- Quality Records
- Training Records
- Others as requested